Index of Claims

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10/538,245 Examiner

Aditi Dutt

Applicant(s)/Patent under Reexamination

FEIFEL, DAVID

Art Unit

1649

√ Rejected
= Allowed

\_ (Through numeral)
Cancelled

Restricted

N Non-Elected

I Interference

A Appeal
O Objected

| Claim Date  |          |              |          |                         |          |    | Claim        |                 |                 | Date |          |       |          |          |          |  |                         |          | Claim   |                         |  | Date |          |            |   |              |          |          |     |           |  |           |
|-------------|----------|--------------|----------|-------------------------|----------|----|--------------|-----------------|-----------------|------|----------|-------|----------|----------|----------|--|-------------------------|----------|---|-------------------------|--|------|----------|------------|---|--------------|----------|----------|-----|-----------|--|-----------|
| Final       | Original | 9/52/06      |          |                         |          |    |              |                 |                 |      |          | Final | Original |          |          |  |                         |          |   |                         |  |      | Final    | Original   |   |              |          |          |     |           |  |           |
|             | 1 2      | +            |          |                         |          |    |              |                 |                 |      | 450      |       | 51<br>52 |          |          |  | 7                       | 4        | 1   | 7                       | - -  |      |          | 101<br>102 | 1   | Ŧ            | F        |          |     |           | $\dashv$   | $\exists$ |
| $\vdash$    | 3        | +            | ┥        | -                       | $\dashv$ | _  | $\vdash$     | Н               | $\vdash$        |      |          |       | 53       | Н        | $\dashv$ |  | -+                      | $\dashv$ | +   | +                       |  | 1    |          | 103        |   | +-           | ⊢        | H        | Н   | $\dashv$  | $\dashv$   | $\dashv$  |
| <u> </u>    | 4        | +            | $\vdash$ | $\dashv$                | $\dashv$ |    |              | Н               | $\dashv$        |      |          |       | 54       | $\vdash$ | -        | -+   | +                       | -+       | +   | +                       | +  | 1    |          | 103        |   | ╁            | +        | $\vdash$ | Н   | -         | $\dashv$   | ᅴ         |
|             | 5        | +            | $\vdash$ | $\dashv$                | $\dashv$ |    |              | Н               | $\vdash$        | _    | 1.5      |       | 55       | Н        | _        | $\dashv$   | $\dashv$                | $\dashv$ | +   | ┿                       | ╁  |      |          | 105        | $\dashv$  | +            | $\vdash$ | $\vdash$ | Н   | $\dashv$  | $\dashv$   | ᅥ         |
|             | 6        | +            | $\vdash$ | -                       | _        |    |              | Н               | $\vdash$        |      | ille in  |       | 56       | H        | _        | +  | $\dashv$                | -        | -+  | ╁                       | +  | ф-ц  |          | 106        | $\dashv$  | +            | ╁        | -        |     | -         | $\dashv$   | ᅱ         |
| <b> </b>    | 7        | +            | H        | $\dashv$                | ┪        | _  |              |                 | $\vdash$        |      | 40       |       | 57       | Н        |          | ╛  | $\dashv$                | $\dashv$ | +   | $^{+}$                  |  |      |          | 107        | $\dashv$  | +-           | $\vdash$ | $\vdash$ | Н   | -         | -+   | -         |
| <b>—</b>    | 8        | +            | H        | 7                       | $\neg$   |    |              |                 | $\Box$          |      | Ú.       |       | 58       | Н        | _        | _  | +                       | 寸        | +   | †                       | +  |      |          | 108        | $\top$  | $\top$       | T        |          | Н   |           | 寸  | _         |
|             | 9        | +            | $\vdash$ | 寸                       | $\neg$   |    |              | П               | $\vdash$        |      |          |       | 59       | П        | $\neg$   | _  | $\dashv$                | 寸        | $\top$  | $\top$                  |  | 1: , |          | 109        | •   | $\top$       | 一        | $\vdash$ |     |           | $\dashv$   | $\neg$    |
|             | 10       | +            | $\Box$   | 寸                       |          |    |              | П               | $\Box$          |      | 17.      |       | 60       | П        |          |  | 7                       | ヿ        | +   | T                       | 十  | 1    |          | 110        | $\dashv$  | 十            | $\vdash$ | Г        | П   | _         | $\neg$   |           |
|             | 10       | -            | П        | $\neg$                  |          |    |              | П               |                 |      |          |       | 61       |          |          |  | 寸                       | T        |   |                         |  | 1    |          | 111        |   | 1            |          |          |     |           |  |           |
|             | 12       | -            | П        | $\neg$                  |          |    |              | П               |                 |      | 4        |       | 62       | П        |          |  |                         | ╛        |   | T                       |  | ]    |          | 112        |   |              |          |          |     |           | $\top$   |           |
|             | 1\$      | -            |          |                         |          |    |              |                 |                 |      |          |       | 63       |          |          |  |                         |          |   | Ι                       |  | i. · |          | 113        | $\Box$  | $oxed{oxed}$ |          |          |     |           |  |           |
|             | 14       | -            |          | П                       |          |    |              |                 |                 |      |          |       | 64       |          |          | $\Box$   |                         |          |   | $\Box$                  |  |      |          | 114        |   | T            |          |          |     |           | $\Box$   |           |
|             | 15       | +            |          | $\Box$                  |          |    |              |                 |                 |      | [        |       | 65       |          |          | $\perp$  | I                       |          |   | Ι                       |  | 13   |          | 115        |   |              |          |          |     |           | $oldsymbol{\bot}$  |           |
|             | 16       | +            |          |                         |          |    |              |                 |                 |      |          |       | 66       |          |          |  |                         |          |   | $\perp$                 |  |      |          | 116        |   |              |          |          |     |           |  |           |
|             | 17       | +            |          |                         |          |    |              |                 |                 |      |          |       | 67       |          |          | _  |                         |          |   | $\perp$                 |  | ]    |          | 117        |   |              |          |          |     |           | $\dashv$   |           |
|             | 18       | +            |          |                         |          |    |              |                 |                 |      | 4        |       | 68       |          |          |  |                         |          |   |                         |  | A.   |          | 118        |   |              |          | <u> </u> |     |           | $\perp$  |           |
| Ŀ           | 19       | +            | Ш        | $\perp$                 | _        |    | 匚            | Ш               |                 |      |          |       | 69       | Ш        |          |  |                         | $\perp$  | $\perp$   | $\perp$                 |  |      |          | 119        | $\perp$   |              | ↓        | L        |     |           |  |           |
|             | 20       | +            | $\sqcup$ |                         |          |    | <u> </u>     | Ш               | Ш               |      | ļ        |       | 70       |          |          | _  |                         |          | _   | $\perp$                 |  |      |          | 120        | $\perp$   |              | ↓_       | L        |     | _         | $\dashv$   |           |
|             | 21       | +            | Ш        | _                       |          |    | _            | Ш               | Щ               |      |          |       | 71       | Щ        |          | _  | _                       | _        | $\bot$  | 4                       |  | 1    |          | 121        |   | $\perp$      | _        | ᆫ        | Щ   | $\dashv$  | $\dashv$   |           |
|             | 22       | +            | $\sqcup$ | _                       |          |    | _            |                 | Щ               |      | 18       |       | 72       |          |          | _  | 4                       | _        | 4   | 4                       | 4  |      |          | 122        | _   |              | ↓_       | L        | Ш   |           | $\dashv$   |           |
|             | 23       | +            | $\sqcup$ | _                       |          | Ш, | _            | Ш               | Щ               |      |          |       | 73       |          |          | _  | _                       | _        | _   | 4                       |  |      |          | 123        |   |              | _        | L        |     |           | 4  |           |
| <b>├</b>    | 24       | +            | $\vdash$ |                         |          |    | _            |                 | Ш               | -    | 42       |       | 74       |          |          | -  | _                       | $\dashv$ | _   | 4                       | —  |      | L        | 124        |   | -            | ₩        | L        |     | $\Box$    | $\dashv$   | _         |
|             | 25       | <u> </u>     | $\vdash$ |                         | _        | _  | <u> </u>     | $\vdash$        | Щ               |      |          |       | 75       | Щ        |          |  |                         | $\dashv$ |   | 4                       | -  | ļ.   | <u> </u> | 125        |   |              | ╄        | L        | Н   | $\dashv$  | $\dashv$   | 4         |
|             | 26       | +            | $\vdash$ |                         | $\dashv$ | _  | <u> </u>     | Н               | $\vdash$        |      |          |       | 76       | $\vdash$ | -        | -+   | -                       | -        | +   | +                       | +  |      |          | 126        |   |              | ┿        |          | Н   | $\dashv$  | $\dashv$   | $\dashv$  |
|             | 27       | +            | $\vdash$ | $\dashv$                | -        | -  | <del> </del> | Н               | $\vdash$        |      |          |       | 77<br>78 |          | $\dashv$ | -+   | -                       | -        |   | +                       |  | n.   | <b></b>  | 127<br>128 | -   | +            | ╁        | ļ        | Ш   | $\dashv$  | $\dashv$   | _         |
| <u> </u>    | 28<br>29 | +            | $\vdash$ | $\dashv$                | $\dashv$ |    | ┝            | H               | H               |      |          |       | 79       | $\vdash$ |          | +  | +                       | $\dashv$ | $\dashv$  | +                       | +  | ř    |          | 129        | -   |              | ╁        |          | Н   | $\dashv$  | $\dashv$   |           |
|             | 30       | +            | $\vdash$ | $\dashv$                | -        |    | -            | Н               |                 |      | 1        |       | 80       | $\vdash$ | -        |  | -                       | +        | +   | +                       | -  | ď    |          | 130        | +   | +            | ╁╾       | -        | Н   | $\dashv$  | $\dashv$   | $\dashv$  |
| <u> </u>    | 31       | +            | $\vdash$ | $\dashv$                | $\dashv$ | -  | <u> </u>     |                 | $\vdash$        |      | <b> </b> |       | 81       | Н        | $\dashv$ | $\dashv$   | +                       | -+       | $\dashv$  | +                       | +  | 1    |          | 131        | +   | +            | +        |          | Н   | $\dashv$  | $\dashv$   |           |
|             | 32       | +            | $\vdash$ | +                       | $\dashv$ |    | -            | Н               |                 |      |          |       | 82       | Н        |          | $\dashv$   | $\dashv$                | $\dashv$ | +   | +                       | +-   | 1    |          | 132        | +   | +            | ╁        |          | Н   |           | $\dashv$   |           |
| <del></del> | 33       | +            | ╌┼       | +                       |          | -  | -            | Н               |                 |      |          |       | 83       | Н        | -        | $\dashv$   | $\dashv$                | ┪        | $\dashv$  | ╁                       |  |      |          | 133        | +   | +            | ╁        | -        | Н   | $\dashv$  | $\dashv$   | _         |
|             | 34       | +            | $\vdash$ | $\dashv$                |          |    | Н            | $\vdash \vdash$ | $\vdash \vdash$ | _    | 1        |       | 84       | H        |          | $\dashv$   | +                       | $\dashv$ | +   | +                       | +  | t.   | <b> </b> | 134        | $\dashv$  | +            | t        | $\vdash$ | Н   | 一         | 十  | $\neg$    |
| ~           | 35       | <del> </del> | $\vdash$ | $\dashv$                |          |    | Н            | Н               | $\vdash$        |      | ŀ        |       | 85       | Н        | 一        | $\dashv$   | $\dashv$                | $\dashv$ | $\dashv$  | +                       | $\top$                                     | 1,   | <b></b>  | 135        | $\dashv$  | +            | †        |          | Н   | $\dashv$  | $\dashv$   | $\dashv$  |
|             | 36       |              | $\Box$   | 寸                       |          |    |              | Н               | H               |      | - 1      |       | 86       | П        | 寸        | 十  | 7                       | 十        | 十   | +                       | $\top$                                     | 1    |          | 136        | $\dashv$  | +            | T        | П        | H   | $\dashv$  | $\dashv$   | $\neg$    |
|             | 37       |              | $\sqcap$ | 寸                       |          |    |              | Н               | $\Box$          |      | Ì        |       | 87       | П        | $\dashv$ | 十  | 7                       | $\dashv$ | 十   | T                       | 1  | į    |          | 137        | _   | $\top$       | T        | Г        | П   | $\dashv$  | 十  | ┪         |
|             | 38       |              | $\sqcap$ | $\dashv$                |          |    |              | П               | П               | П    | 4        |       | 88       | П        |          | 寸  | 7                       | 寸        | 1   | $\top$                  |  | 1:   |          | 138        |   | $\top$       | 1-       | П        | П   | $\exists$ | $\dashv$   | _         |
|             | 39       | Γ            | $\Box$   | 7                       |          |    |              | П               | П               |      | Ì        |       | 89       | П        |          | 7  |                         | 一        | 7   | $\dagger$               |  | 1:   |          | 139        | $\dashv$  | - -          | 1        | П        |     | $\neg$    | $\dashv$   | $\neg$    |
|             | 40       |              | $\Box$   | 寸                       |          |    |              |                 | П               |      | - 1      |       | 90       | П        |          | 丁  |                         |          |   | 1                       |  | ]    |          | 140        |   |              |          |          |     | $\Box$    | $\neg$   |           |
|             | 41       |              |          |                         |          |    |              |                 |                 |      | Ī        |       | 91       |          |          |  |                         |          |   | Ţ                       |  | ]    |          | 141        |   | $\perp$      |          | $\Box$   |     |           | $\Box$   |           |
|             | 42       |              |          |                         |          |    |              |                 |                 |      |          |       | 92       |          |          |  |                         |          |   | I                       | $oldsymbol{oldsymbol{oldsymbol{\square}}}$ | ]    |          | 142        |   | $oxed{oxed}$ |          |          |     |           | J  |           |
|             | 43       | 匚            |          | $oldsymbol{\mathbb{J}}$ |          |    |              |                 |                 |      | [        |       | 93       |          |          | $oldsymbol{ol}}}}}}}}}}}}}}}}$ | $oldsymbol{\mathbb{I}}$ |          | $oldsymbol{oldsymbol{oldsymbol{oldsymbol{\Box}}}$ | Ι                       |  | 1.   |          | 143        |   |              |          |          |     |           | $oldsymbol{ol}}}}}}}}}}}}}}}}$ |           |
|             | 44       | $\Box$       |          | $\Box$                  |          |    |              |                 |                 |      | [        |       | 94       |          |          | $oxed{\bot}$   |                         |          |   | $oldsymbol{\mathbb{I}}$ |  | 5.   |          | 144        |   |              |          |          |     |           | $oldsymbol{\bot}$  |           |
|             | 45       | $\Box$       |          | $\Box$                  |          |    |              |                 |                 |      |          |       | 95       |          | $\Box$   | $\perp$  | J                       | $\Box$   | $\perp$   |                         |  |      |          | 145        | $\bot \! \! \! \! \! \! \! \! \! \! \! \! \! \! \! \! \! \! \!$ | $\perp$      |          | L        |     |           | $\bot$ I   |           |
|             | 46       |              |          | $\Box$                  |          |    |              | Ш               | $\Box$          |      |          |       | 96       |          |          | $\perp$  |                         | $\Box$   |   |                         |  |      |          | 146        |   |              |          |          |     |           | $\Box$   |           |
|             | 47       | _            | Ц        | _[                      | _]       |    |              | Ш               | Ш               |      |          |       | 97       | Ш        | $\Box$   | $\perp$  | $\perp$                 | $\perp$  | $\perp$   | $\perp$                 |  |      |          | 147        |   |              |          | 匚        |     |           | $\bot$   | _         |
| <u> </u>    | 48       | L.           | Ш        | $\perp$                 |          | Щ  |              | Ш               | Щ               |      |          |       | 98       | Щ        | $\Box$   | $\perp$  | 4                       | _        | $\perp$   | 4                       |  | 1    | <u> </u> | 148        |   | $\perp$      |          | Ш        |     | _         | $\dashv$   |           |
| <u> </u>    | 49       | ļ            | Ц        |                         | _        | Щ  | $\sqcup$     | Ш               | Щ               |      | ļ        |       | 99       | Щ        |          | _  | 4                       | _        | $\bot$  | 1                       | _  | ļ.   |          | 149        |   | _            | 1        | Ш        | Ш   |           |  | _         |
| L           | 50       |              | Ш        |                         |          |    |              |                 |                 |      |          |       | 100      | ıl       |          |  | - 1                     | - 1      |   |                         |  | 1    | 1        | 150        |   | - 1          | 1        | ı        | 1 1 |           | ı  |           |